

Claims

1. An information access system capable of distributing program meta information and a content with an interrelation established therebetween, characterized in comprising:

transmission means for transmitting the program meta information and a meta information reference ID from an information distribution device to an information reception device;

reception means for receiving the program meta information and the meta information reference ID from the information distribution device;

request means for requesting content meta information to the information distribution device based on the meta information reference ID received by the reception means;

distribution means for distributing the content meta information to the information reception device in response to the request made by the request means; and

display means for displaying the content meta information acquired from the information distribution device.

2. The information access system according to claim 1, characterized in that the reception means receives the program meta information and the meta information reference ID over a network.

3. The information access system according to claim 1, characterized in that the reception means receives the program

meta information and the meta information reference ID over a broadcast wave.

4. The information access system according to claim 1, characterized in that the content meta information received based on the meta information reference ID includes address information of an entity of the content.

5. The information access system according to claim 3, characterized in further comprising

first content access means for making an access to the content based on the address information of the entity of the content.

6. The information access system according to claim 5, characterized in further comprising

first analysis means for analyzing preference information from the content accessed by the first access means.

7. The information access system according to claim 6, characterized in that the content is searched based on the preference information.

8. The information access system according to claim 1, characterized in that the content meta information is set with a keyword related to a program.

9. The information access system according to claim 8, characterized in further comprising

second content access means for making an access to the content related to the keyword based on the keyword.

10. The information access system according to claim 9, characterized in further comprising

second analysis means for analyzing preference information from the content found by the search means based on the keyword.

11. The information access system according to claim 10, characterized in that the search means further comprises preference search means for searching the content based on the preference information.

12. An information distribution device capable of distributing program meta information and a content with an interrelation established therebetween, characterized in comprising:

transmission means for transmitting the program meta information and a meta information reference ID to an information reception device;

reception means for receiving a request for content meta information from the information reception device based on the meta information reference ID; and

transmission means for transmitting the content meta information to the information reception device based on the meta information reference ID.

13. The information distribution device according to claim 12, characterized in that the transmission means transmits the program information and the meta information reference ID

over a network.

14. The information distribution device according to claim 12, characterized in that the transmission means transmits the program information and the meta information reference ID over a broadcast wave.

15. An information access device, characterized in comprising:

reception means for receiving program meta information and a meta information reference ID;

request means for requesting content meta information based on the meta information reference ID; and

display means for displaying the content meta information after reception.

16. The information access device according to claim 15, characterized in that the reception means receives the program meta information and the meta information reference ID over a network.

17. The information access device according to claim 15, characterized in that the reception means receives the program meta information and the meta information reference ID over a broadcast wave.

18. The information access device according to claim 15, characterized in further comprising first content access means for making an access to address information of an entity of the content included in the content meta information.

19. The information access device according to claim 18, characterized in further comprising first analysis means for analyzing preference information derived by accessing the address information of the entity of the content.

20. The information access device according to claim 19, characterized in further comprising search means for searching the content based on the preference information.

21. The information access device according to claim 15, characterized in further comprising second content access means for making an access to the content based on a keyword relating to the content included in the content meta information.

22. The information access device according to claim 21, characterized in further comprising second analysis means for analyzing preference information of the content accessed based on the keyword.

23. The information access device according to claim 22, characterized in further comprising preference search means for searching the content based on the preference information.

24. An information access method capable of distributing program meta information and a content with an interrelation established therebetween, characterized in:

transmitting the program meta information and a meta information reference ID from an information distribution device to an information reception device;

receiving the program meta information and the meta

information reference ID from the information distribution device;

requesting content meta information to the information distribution device based on the received meta information reference ID;

distributing the content meta information to the information reception device; and

displaying the content meta information acquired from the information distribution device.

25. The information access method according to claim 24, characterized in that the program meta information and the meta information reference ID are received over a network.

26. The information access method according to claim 24, characterized in that the program meta information and the meta information reference ID are received over a broadcast wave.

27. The information access method according to claim 24, characterized in that the content meta information received based on the meta information reference ID includes address information of an entity of the content.

28. The information access method according to claim 27, characterized in that the content is accessed based on the address information of the entity of the content.

29. The information access method according to claim 28, characterized in that preference information is analyzed

from the accessed content.

30. The information access method according to claim 29, characterized in that the content is searched based on the preference information.

31. The information access method according to claim 24, characterized in that the content meta information is set with a keyword related to a program.

32. The information access method according to claim 31, characterized in that the content related to the keyword is searched based on the keyword.

33. The information access method according to claim 32, characterized in that preference information is analyzed from the content found based on the keyword.

34. The information access method according to claim 33, characterized in that the content is searched based on the preference information.

35. An information distribution method, characterized in that

program meta information and a meta information reference ID are transmitted to an information reception device,

a request for content meta information is received from the information reception device based on the meta information reference ID, and

the content meta information is transmitted to the information reception device based on the meta information

reference ID.

36. The information distribution method according to claim 35, characterized in that the program meta information and the meta information reference ID are transmitted over a network.

37. The information distribution method according to claim 35, characterized in that the program meta information and the meta information reference ID are transmitted over a broadcast wave.

38. An information access method, characterized in that program meta information and a meta information reference ID are received,

a request is made for content meta information based on the meta information reference ID, and

the content meta information is received and displayed.

39. The information access method according to claim 38, characterized in that the program meta information and the meta information reference ID are received over a network.

40. The information access method according to claim 38, characterized in that the program meta information and the meta information reference ID are received over a broadcast wave.

41. The information access method according to claim 38, characterized in that address information of an entity of a content included in the content meta information is accessed.

42. The information access method according to claim 41, characterized in that preference information derived by accessing the address information of the entity of the content is analyzed.

43. The information access method according to claim 42, characterized in that the content is searched based on the preference information.

44. The information access method according to claim 38, characterized in that the content is accessed based on a keyword related to the content included in the content meta information.

45. The information access method according to claim 44, characterized in that preference information of the content accessed based on the keyword is analyzed.

46. The information access method according to claim 45, characterized in that the content is searched based on the preference information.